



PCT09

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/830,748

DATE: 07/29/2002
 TIME: 08:52:03

Input Set : A:\PTO.VSK.txt
 Output Set: N:\CRF3\07292002\I830748.raw

ENTERED

3 <110> APPLICANT: The Government of the United States of America, as represented by The
 4 Secretary of the Department of Health and Human Services
 5 Kashmiri, Syed V.S.
 6 Padlan, Eduardo A.
 7 Jeffery, Schlom
 9 <120> TITLE OF INVENTION: VARIANTS OF HUMANIZED ANTI-CARCINOMA MONOCLONAL ANTIBODY

CC49

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11 <130> FILE REFERENCE: 4239-61725
 13 <140> CURRENT APPLICATION NUMBER: US 09/830,748
 14 <141> CURRENT FILING DATE: 2002-07-08
 16 <150> PRIOR APPLICATION NUMBER: PCT/ US99/25552
 17 <151> PRIOR FILING DATE: 1999-10-29
 19 <150> PRIOR APPLICATION NUMBER: US 60/106,757
 20 <151> PRIOR FILING DATE: 1998-11-02
 22 <150> PRIOR APPLICATION NUMBER: US 60/106,534
 23 <151> PRIOR FILING DATE: 1998-10-31
 25 <160> NUMBER OF SEQ ID NOS: 44
 27 <170> SOFTWARE: PatentIn version 3.1
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 17
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Mus musculus
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 40 Ala
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 66 <210> SEQ ID NO: 4
 67 <211> LENGTH: 5
 68 <212> TYPE: PRT
 69 <213> ORGANISM: Mus musculus

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88 Gly
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94 <212> TYPE: PRT
95 <213> ORGANISM: Mus musculus
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100 1 5
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171 <400> SEQUENCE: 12
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185 1 5 10 15
188 Glu Arg Val Thr Leu Asn Cys Lys Ser Ser Gly Ser Leu Leu Tyr Ser
189 20 25 30
192 Gly Asn Gln Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln
193 35 40 45
196 Ser Pro Lys Leu Leu Ile Tyr Trp Ala Ser Ala Arg Glu Ser Gly Val
197 50 55 60
200 Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr
201 65 70 75 80
204 Ile Ser Ser Val Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln Gln
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208 Tyr Tyr Ser Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu
209 100 105 110
212 Lys
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217 <211> LENGTH: 115
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224 1 5 10 15
227 Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asp His
228 20 25 30
231 Ala Ile His Trp Val Lys Gln Asn Pro Gly Gln Arg Leu Glu Trp Ile
232 35 40 45
235 Gly Tyr Phe Ser Pro Gly Asn Asp Asp Phe Lys Tyr Asn Glu Arg Phe
236 50 55 60
239 Lys Gly Lys Ala Thr Leu Thr Ala Asp Thr Ser Ala Ser Thr Ala Tyr
240 65 70 75 80
243 Val Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys

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247 Thr Arg Ser Leu Asn Met Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr
248                               100                               105                               110
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252                               115
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258 <213> ORGANISM: Mus musculus
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263 gggaccctgt gccggtccct gagtgcgggc ctgacgtggt cgacctggac cctcacgtga      120
265 cgtg      124
268 <210> SEQ ID NO: 16
269 <211> LENGTH: 123
270 <212> TYPE: DNA
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273 <400> SEQUENCE: 16
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276 gacgttccgt tcgccgatgt ggaagtgaga gatatgcct ttagtcttcc cagggacacg      120
278 gcc      123
281 <210> SEQ ID NO: 17
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286 <400> SEQUENCE: 17
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289 acaccggaac gggaacttgg agagtaacat gaattttcac tgcctacgtg gagctctcca      120
291 gcctga      126
294 <210> SEQ ID NO: 18
295 <211> LENGTH: 125
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297 <213> ORGANISM: Mus musculus
299 <400> SEQUENCE: 18
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302 cagaggtcgc gggtgtgcag aagtacactg cagtatcctc ggatctcagg ctggagagct      120
304 ccacg      125
307 <210> SEQ ID NO: 19
308 <211> LENGTH: 122
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310 <213> ORGANISM: Mus musculus
312 <400> SEQUENCE: 19
313 gcaagcttcc accatggata gccaggccca ggtgctcatg ctccctgctgc tgtgggtgag      60
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317 cg      122
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321 <211> LENGTH: 121
322 <212> TYPE: DNA
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325 <400> SEQUENCE: 20
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328 aacgttcagg tcggtcaggg acgagatatc gcctttagtc ttcccaggga cacggccagg      120
330 g                                                                           121
333 <210> SEQ ID NO: 21
334 <211> LENGTH: 121
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336 <213> ORGANISM: Mus musculus
338 <400> SEQUENCE: 21
339 gcagaaacca gggcagagcc ctaaactgct gatttactga gacaggggtct aggcgacggc      60
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343 c                                                                           121
346 <210> SEQ ID NO: 22
347 <211> LENGTH: 126
348 <212> TYPE: DNA
349 <213> ORGANISM: Mus musculus
351 <400> SEQUENCE: 22
352 agcccataat atcgataggg gagtgtaagc cgcgaccgtg gttcgacctt gactttgccc      60
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356 gaagtc                                                                           126
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360 <211> LENGTH: 19
361 <212> TYPE: DNA
362 <213> ORGANISM: Artificial Sequence
364 <220> FEATURE:
365 <223> OTHER INFORMATION: Oligonucleotide Primer
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373 <212> TYPE: DNA
374 <213> ORGANISM: Artificial Sequence
376 <220> FEATURE:
377 <223> OTHER INFORMATION: Oligonucleotide primer
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386 <213> ORGANISM: Artificial Sequence
388 <220> FEATURE:
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396 <211> LENGTH: 20
397 <212> TYPE: DNA
398 <213> ORGANISM: Artificial Sequence
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VERIFICATION SUMMARY

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date